

DATE	REVISIONS	REV

DRAWING NUMBER  
SSA-LXB10SRW-10652

REV

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{mA}$

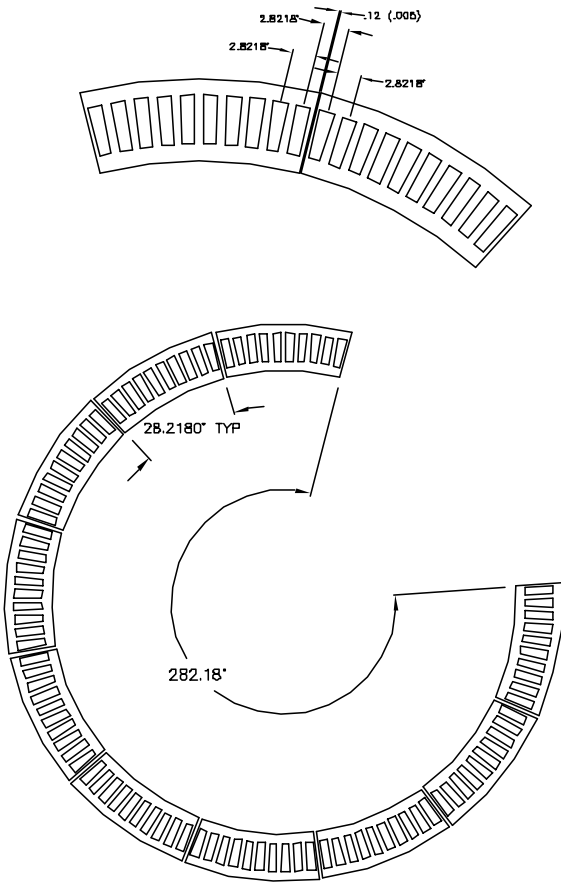
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		40		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		160		$2\times$ theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM $25^{\circ}\text{C}$	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^{\circ}\text{C}$
LEAD SOLDERING TEMP	+260	$^{\circ}\text{C}$
2.0mm FROM BODY		3 SEC. MAX

\*  $t < 10\mu\text{s}$

MATERIAL: NORYL  
FACE COLOR: GRAY



**LUMEX**  
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DATE: 3-9-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

CUSTOM 10 SEGMENT LED ARRAY,  
SUPER RED

PAGE 2 OF 2	DRAWING NUMBER SSA-LXB10SRW-10652	REV
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